University of Mumbai

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UCC/12-01 /RC-3 **Dated: 1st December , 2014**

To,

M/s. KARE Peripherals Pvt.Ltd.
8/102A, Jogani Ind. Complex
V.N.Purav Marg, Chunabhatti,
Mumbai-400022.
Contact Person:
Mr. Murli Sharma / Mr.Rakesh Sanghvi Cell: 9819485080/9820285080

Sub: Rate contract for Supply installation and commissioning of (a) Computers, Peripherals & Equipments; Computer, Printer, Laptop, Projector with Screen, CCTV Surveillance, TV & Monitors etc. (b) Optical Fiber Cable Laying and Installation Job (c) Copper UTP Cable Laying and Installation Job (d) CCTV Camera Installation and Fixing (e) Outdoor/Indoor WiFi Access Point and Server/Network Racks etc. valid till 30th November, 2015.

Dear Sir,

You are hereby informed that the rate quoted by you together with the terms and conditions as specified in our tender form with reference to the tender for computer hardware, peripherals and other stores as specified in Schedules annexed has been accepted for the University of Mumbai for rate contract. The item wise specifications with descriptions & prices are given in Schedule-A and those items shall be supplied to the Departments as per the purchase order issued by the respective departments and the same shall be supplied to them accordingly as per the terms agreed there in the scope of the tenders submitted.

Yours Sincerely,

Co-ordinator,
University Computerisation Centre

Schedule- A

Specifications for Items shortlisted and to be purchased as per requirement from the lowest quoted vendor; M/s. KARE Peripherals Pvt. Ltd., as per purchase norm.

Sr. No.	Item Description	Model	Rates
1	DESKTOP COMPUTERS	Brand	HP
		Core i3	35,196.00
		Corei3	
		Core i5	38,950.00
		Core i5	
		Core i7	46,875.00
		Core i7	
2	LAPTOP COMPUTERS	Brand	HP
		Core i3	39,500.00
		Core i3 -8GB	
		Core i5	44,500.00
		Core i7	55,000.00
3	AIO COMPUTERS	Brand	HP
		Core i3 -19.5"	38,475.00
		Core i5- 19.5"	42,900.00
		Core i7 -19.5"	50,275.00
		Core i3- 23"	
		Core i5- 23"	56,750.00
		Core i7 -23"	63,775.00
	LASER PRINTERS	Brand	HP
4		Laser AIO MFP M226DN	24,755.00
	(Discountinued as per HP)	Laser M1536 DNF	
5		Laser DN- M 401DN	28,900.00
6		Laser DNP -M 401D	20,300.00
7		Laser DN - ProM202DW	16,470.00
8		Laser MFP-Pro 200 color M251NW	25,600.00
	Not a network printer	Laser P1108	
9		Laser CoL MFP-OJ Pro X576DW	49,750.00
	DMP PRINTERS	Brand	EPSON
10		136 COL.- FX 2175	13,050.00
		136 Col- Fx-2190	34,950.00
		136 Col -LQ-1310	13,450.00
		136 Col - LQ 2090	22,800.00
		136 Col - LQ 2190	39,600.00
11		80 COL. - LQ 310	11,050.00
		80 Col. - FX 890	9,950.00
	MM PROJECTORS	Brand	CASIO
12		LED/3000L XJ -M146	87,500.00
		LED/3000L XJ -M156	95,400.00
		Brand	BENQ
13		DLP/3000L MX-525	36,275.00
		Brand	BENQ
14		HD/3000L MH-680	80,400.00

Sr. No.	Item Description	Model	Rates
			1
15	BIO METRIC	Brand	eSSL
	15a	Face 500 U -iFace 101	15,450.00
		Brand	eSSL
	15b	Face 800 U -iface 202	18,375.00
		Brand	eSSL
	15c	Finger 4000 U -iClock -990	15,400.00
		Brand	Suprema
	15d	Face 10K/20K -Suprema	88,200.00
16	THIN CLIENT	Brand	INP
		Atom/4GB/ TFT/ KBD/Mouse -i1000L	18,218.00
		With Windows	
17	SMART LED TV	Brand	SONY
	17a	32" Led TV - KDL-32W700B	42,650.00
		Brand	SONY
	17b	42" Led TV -KDL-42W700B	59,750.00
		Brand	SONY
	17c	55" Led TV- KDL-55W750B	154,000.00
	SMART UPS ONLINE	Brand	APC
18		2kVA/30min. APC SRC-2KUXI	58,694.00
		Brand	APC
19		6kVA/30min. APC SRC-6KUXI	122,600.00
	Battery	Brand	Exide/Qua
	a.	12V 7AH	1,225.00
		Brand	Exide/Qua
	b.	12V 42AH	4,450.00
		Brand	APC
	c.	SNMP Card	15,825.00
20	HANDYCAM	Brand	Sony
		Full HD/27xOPT HDR-CX240	18,990.00
21	SURVEILLANCE DEV.	Brand	HIKVISION
		DVR 4 Channel- HV DS 7204 HWI SH 4	6,660.00
		DVR 8 Channel HV DS 7208 HWI SH 8	11,750.00
		DVR 16 Channel HV DS 7216 HWI SH 16	16,900.00
22	CCTV CAMERA	Brand	HIKVISION
		DOME 600 /650 TVL DS-2CC52B1P Vendal Proof	9,000.00
		DOME 700TVL DS-2CC25A2	3,206.00
		DOME 700TVL DS-2CC52A1P Vendal Proof	10,450.00
		BULLET 600TVL DS-2CC11B2P	9,100.00
		BULLET 700TVL- DS-2CC35A2	3,206.00
		BULLET 700TVL- DS-2CC11A2P Vendal Proof	10,750.00
23	CCTV POWER SUPPLY	Brand	LOCAL
		4/8/16 CAMERA	7,200.00
24	CCTV CABLE/CONDUIT	Brand	
		Labour/Laying Per Meter	72.00

Sr. No.	Item Description	Model	Rates
			1
25	ACCESSORIES	Brand	Local
1	Dome Camera	Bracket	200.00
2	Bullet Camera	Housing	1,525.00
3	1TB SATA	Harddisk - 1TB SATA	4,390.00
4	2TB SATA	Harddisk - 2TB SATA	6,575.00
5	4TB SATA	Harddisk- 4TB SATA	12,250.00
6	External 1TB SATA	Harddisk - Ext 1TB HDD	5,150.00
7	External 2TB SATA	Harddisk Ext 2TB HDD	7,150.00
8	External 4TB SATA	Harddisk Ext 4TB HDD	13,500.00
9	20" LED	TFT Monitor 20" LED	8,950.00
10	23" LED	TFT Monitor 23" LED	12,250.00
11	Wall Mounting	Bracket Wall mounting for LED	500.00
12	VGA Ext. Cable	3 Meter VGA Cable	550.00
13	VGA Ext. Cable	20 Meter VGA Cable	2,150.00
14	USB Ext. Cable	3 Meter USB Cable	550.00
15	Wireless	Mouse Wireless	900.00
16	Wireless	Keybd/Mouse Wireless	1,650.00
17	MM Projector	Mounting 3ft.	2,500.00
18	MM Projector	Mounting 4ft.	3,200.00
19	MM Projector	Screen 4x6 ft.	4,000.00
26	Network Video Rec.	Brand	HikVision
		8 Channel HikVision NVR 7708Ni-E4/8P	34,400.00
			HikVision
		16 Channel HikVision NVR 7716Ni-E4/16P	40,100.00
27	Digital IP Camera	Brand	HikVision
		IP Camera DS-2CD2012-I Bullet	9,000.00
		IP Camera DS-2CD1112-I Dome	9,350.00
28	Network Switches	Brand Digisol / Digi Link	Digisol / Digi Link
1	Switch	8 Port 10/100 DGFS 1008	775.00
2	Switch	16 Port 10/100 DGFS 1016	2,175.00
3	Switch	24 Port 10/100 DGFS 1024	2,550.00
4	Switch	8 Port 100/1000 DGGS 1008	1,690.00
5	Switch	16 Port 100/1000 DGGS 1016	5,450.00
6	Switch	24 Port 100/1000 DGGS 1024	7,250.00
			Cisco
7	SRW224G4K9	24 Port 100/1000 SRW224G4K9	6,930.00
			Cisco
8	SRW2024K9	24 Port 100/1000 SRW2024K9	11,475.00
			Cisco
9	2960S#24tss	24 Port 100/1000 2960s#24tss	51,250.00
			Cisco
10	SFP+1G or 10G	24 Port with SFP 3750X#24tss	161,700.00
11	Fiber Module	SFP LX-LC	25,960.00

Sr. No.	Item Description	Model	Rates
			1
29	Apple Mac/IPAD	Brand	Apple
1	Mac Book Air	11" 128GB	63,900.00
2	Mac Book Air	11" 256GB	77,500.00
3	Mac Book Air	13" 128GB	70,700.00
4	Mac Book Air	13" 256GB	86,200.00
5	Mac Book Pro	13" 128GB Retina	92,050.00
6	Mac Book Pro	13" 256GB Retina	106,600.00
7	IPAD MINI 3	16GB WIFI	28,030.00
8	IPAD MINI 3	64GB WIFI	34,820.00
9	IPAD MINI 3	16GB WIFI+MOB	37,725.00
10	IPAD MINI 3	64GB WIFI+MOB	44,500.00
11	IPAD AIR 2	16GB WIFI	34,820.00
12	IPAD AIR 2	64GB WIFI	41,610.00
13	IPAD AIR 2	16GB WIFI+MOB	44,520.00
14	IPAD AIR 2	64GB WIFI+MOB	51,300.00
30	Wireless Access Point	Brand	
	Outdoor	Wifi Access Point Netgear -WNT 930	53,000.00
		Wifi Access Point Alkon 2406 N	7,000.00
		Brand	
	Indoor	Wifi Access Point Netgear -WNAP 210	5,670.00
		Wifi Access Point -Dlink DAP 1360	3,200.00
31	PA System (Audio)		
	200Watts	Amplifier Mega MIA 80	6,640.00
		Amplifier Crown XLS-1000	26,975.00
	80/100 Watts	Loud Speaker Mega P-802 (Pair)	5,570.00
		Loud Speaker JBL Pro Control 25AV (Pair)	24,600.00
	Floor	Speaker Stand	5,860.00
	Lapel Cordless	Microphone Mega TVD 57L	2,925.00
		Microphone AKG WMS 40 Mini	5,690.00
	Handheld Cordless	Microphone Mega TVD 57H	2,925.00
		Microphone AKG WMS 40 Mini	4,895.00
	Podium Wired	Microphone Mega DM 207+DS33	4,165.00
		Microphone AKG GN 50 ESP	10,425.00
	Laser Cordless	Presenter	6,175.00
	6 Channel	Audio Mixer Sound Craft EPM 6	15,650.00
32	OFC Cables & Misc.	Brand	D-Link
1	OFC Armored	MM 6 Core	72.00
2	OFC Armored	MM 12 Core	99.00
3	OFC Armored	SM 6 Core	36.00
4	OFC Armored	SM 12 Core	45.00
5	Fiber	SC Connector	208.00
6	Fiber	LC Connector	218.00
7	Fiber Pigtail	SC MM 1M.	203.00
8	Fiber Pigtail	LC MM 1M.	265.00
9	Fiber Pigtail	SC SM 1M.	230.00
10	Fiber Pigtail	LC SM 1M.	260.00
11	Fiber Patch cord	LC to SC MM 1M.	1,450.00
12	Fiber Patch cord	LC to SC SM 1M.	1,180.00
13	Fiber LIU	12 Port MM	3,150.00
14	Fiber LIU	12 Port SM	3,950.00
15	OFC Media Converter	FIBER/UTP MM	6,450.00
16	OFC Media Converter	fIBER/UTP SM	11,500.00

Sr. No.	Item Description	Model	Rates
	Copper Cables & Misc.		D-Link
1	UTP Cable	Cat-6	5,400.00
2	I/O,Surface, Back Box	Cat-6	210.00
3	Patch Cord	Cat-6 1M	135.00
4	Patch Cord	Cat-6 2M	155.00
5	Patch Panel	Cat-6 24 Port	3,850.00
6	RJ-45 Connectors	Cat-6	400.00
32	Cabling Accessories	Brand	ISI
1		HDPE Pipe 1"	54.00
2		HDPE Pipe 1.5"	90.00
3		HDPE Pipe 2"	144.00
4		GI Pipe 2" 5 ft.	350.00
5		GI Pipe 2" 12 ft.	800.00
6		PVC Conduit 1"	27.50
7		PVC Conduit 2"	95.00
8		PVC Capon 1"	26.50
9		PVC Capon 2"	59.00
10		PVC Flexible 0.5"	7.50
11		PVC Flexible 1"	9.20
12		PVC Flexible 2"	34.50
13	Metal with Painted	Fiber Route Mark	375.00
14	Outdoor CCTV/WIFI	Pole 6 ft.	3,795.00
15	Outdoor CCTV/WIFI	Pole 10 ft.	5,290.00
16	Outdoor CCTV/WIFI	Pole 15 ft.	6,727.00
	Racks	Brand	Valrack
1	Network Rack	6U	5,600.00
2	Network Rack	9U	6,350.00
3	Network Rack	12U	7,250.00
4	Network Rack	15U	8,500.00
5	Network Rack	24U	27,900.00
6	Network Rack	42U	39,200.00
7	Server Rack	42U	43,600.00
8	Network Rack	Tray	1,700.00
9	Server Rack	Tray	1,900.00
10	Network/Server	Cable Manager	450.00
33	Labour Fiber/Copper		
1	Soft Excavation	Digging Work	162.00
2	Hard Excavation	Digging Work	210.00
3	HDPE Pipe	Laying	16.50
4	Fiber Cable	Laying	14.50
5	Road Cutting	Laying	425.00
6	OTDR	Testing	135.00
7	Fiber Cable	Splicing	150.00
8	LIU	Installation	300.00
9	Fiber	Connectrization	240.00
10	Conduit/Capon/Access	Laying	25.00
11	UTP Cable	Laying	12.00
12	UTP I/O	Punching	125.00
13	UTP I/O	Fixing	18.00
14	Rack	Fixing/Dressing	800.00
15	Patch Panel	Installation	125.00
16	Network Switch	Installation	150.00
17	WiFi	Installation	550.00
18	CCTV Camera	Installation	450.00
19	DVR	Installation	2,500.00

DESKTOP COMPUTERS - 100 Nos.

Sr.No.	Item	Description
1	DESKTOP	COMPUTERS
	CPU	Intel® Core™ i7-4790 Processor 3.6GHz, 8MB Cache, 4Cores, Intel® Core™ i5-4690 Processor 3.5GHz, 6MB Cache, 4Cores, Intel® Core™ i3-4360 Processor 3.7GHz, 4MB Cache, 2Cores,
	RAM	4 GB DDR3 SDRAM 1066 MHz / 1600 MHz or above or equivalent, upgradeable up to 16 GB or higher or equivalent OEM – RoHS Certified
	MOTHERBOARD	Intel H81 Express / Q87 Express Chipset based motherboard
	HARDDISK	500 GB SATA HDD, Make: Seagate/Hitachi/Western Digital/Fujitsu/OEM – RoHS Certified.
	MONITOR	18.5" W TFT LED backlit Monitor, 1366x768 native resolution
	OPTICAL DRIVE	Slim Sata Blu-ray BDXL writer
	OS SUPPORT	Microsoft Windows 7, Windows 8,
	NETWORK	Integrated or Intel 10/100/1000 Ethernet Card.
	KB/MOUSE	OEM Standard Keyboard – Optical Mouse
	PORTS	Min 6 USB Ports ,2 PS2 (Keyboard & Mouse),1x VGA 1x DVI 1x RJ45 1 Audio Line In, 1 Audio Line out, port or better or equivalent

Core i3 Model No.@ HP 406 G1 MT Rs. 35196.00

Core i5 Model No.@ HP 406 G1 MT Rs. 38950.00

Core i7 Model No.@ HP 406 G1 MT Rs 46875.00

2. LAPTOP -- 25 Nos.

Sr.No.	Item	Description
1	NOTEBOOK	COMPUTERS
	PROCESSOR	Intel® Core™ i7-4510u Processor 2GHz, 4MB Cache, 2Cores, Intel® Core™ i5-4310u Processor 2GHz, 3MB Cache, 2Cores, Intel® Core™ i3-4030u Processor 1.9GHz, 3MB Cache, 2Cores,
	CHIPSET	Q87 Express Chipset / Integrated with processor
	Memory	4/8 GB DDR3 RAM, 1600MHz, expandable to 16 GB
	HDD	500 GB HDD with Hard Disk Protection capability Protection System, detect sudden changes in motion and free fall and temporarily stop the hard drive to help protect your valuable data from crashes
	DVD drive	Blue Ray Rom DVD +/- RW Super Multi DL; DVD +/- RE SuperMulti DL; DVD-Rom
	Display	14 " diagonal anti-glare LED 1366x768 or higher
	Graphics controller	Intel HD Graphics 4400
	Battery	4 Cell 44WHr Li-on Battery
	Ethernet Card	Realtek Ethernet 10/100/1000 Mbps inbuilt
	Speakers	Integrated Audio with internal Stereo speakers
	Ports	Min 4 USB ports, 1x HDMI Port, 1 Headphone/Microphone Combo, 1x VGA
	Wireless Card	Wireless LAN Card with necessary driver (802.11 standard)
	Keyboard	OEM standard spill resistant Keyboard and Built in touch Pad/track point
	Web camera	Integrated 720p HD webcam.
	OS	Microsoft Windows 7/ 8
	Carry Case	Executive carry case
	Weight	Weight less than 2 kg (including Battery and DVD writer)

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Core i3 Model No.@ HP 440 G2 Probook Rs. 39500.00

Core i5 Model No.@ HP 440 G2 Probook Rs. 44500.00

Core i7 Model No.@ HP 440 G2 Probook Rs. 55000.00

ALL-IN-ONE COMPUTERS --- 100 Nos.

Sr.No.	Item	Description
1	AIO	COMPUTERS
	PROCESSOR	Intel® Core™ i7-4770T Processor 2.5GHz, 8MB Cache, 2Cores, Intel® Core™ i5-4570T Processor 2.9GHz, 4MB Cache, 2Cores, Intel® Core™ i3-4130T Processor 2.9GHz, 3MB Cache, 2Cores,
	Memory	4 GB 1600 MHz DDR3 SDRAM, Expandable upto 16 GB
	HDD	500GB / 1 TB GB HDD
	DVD drive	DVD R/RW
	Display	**19.5"/ 21"/23" Wide Screen WLED**
	Graphics controller	Intel Q87 Express Chipsets / INTEGRATED Intel HD Graphics Basic
	NETWORK	Wireless
	Speakers	Integrated Audio with internal Stereo speakers
	Ports	Min 4 USB ports
	Wireless Card	Wireless LAN Card with necessary driver (802.11 standard)
	Keyboard	Wireless Keyboard / Mouse
	Web camera	Integrated webcam.
	OS	Optional
	Warranty	3 years On-site

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Core i3 Model No.@ HP 400 G1 AIO 19.5" Rs. 38475.00

Core i5 Model No.@ HP 400 G1 AIO 19.5" Rs. 42900.00
Core i5 Model No.@ HP 800 G1 AIO 23" Rs. 56750.00

Core i7 Model No.@ HP 400 G1 AIO 19.5" Rs 50275.00
Core i7 Model No.@ HP 800 G1 AIO 23" Rs. 63775.00

4. LASER (AIO) MULTIFUNCTION PRINTERS - 50 Nos.

Sr. No.	Specifications	**AIO(Print / Scan / Copy / Fax / Duplex)**
1	Technology	Laser
2	Connectivity	High Speed USB; USB 2.0; 10/100 Base-TX Network
3	Memory (std/Max)	256 MB
4	Printer	
5	Speed - Mono (letter)	Up to 26 PPM
6	Print Resolution	600x600
7	Scanner	Yes
8	Optical resolution	Upto 300 x 300 dpi
9	Copy	Yes
10	First Copy out Time	As fast as 8 Sec
11	Fax	
12	Speed	3 sec per page.
13	Input capacity – std/Max	250 sheets input tray, 10 sheet priority tray / 35 sheet Automatic Document Feeder (ADF)
14	Output capacity	100 originals
15	Warranty	1 year std.

Model No HP LJ MFP M226DN @Rs. 24755.00

5. LASER PRINTER - 25 Nos.

Sr. No.	Specifications	Laser Duplex with Network Printer
1	Technology	Laser
2	Print Speed Mono (A4)	Up to 33 PPM
3	Print Resolution	1200x1200
4	Processor (MHz)	800MHz
5	Memory - Std	256 MB
6	Duty Cycle	Up to 50,000 pages
7	Recommended monthly page volume	Up 3,000 pages
8	Input Capacity	50-sheet multipurpose tray 1, 250-sheet input tray 2

9	Output Capacity (Sheets)	150 sheets
10	Duplex Print Options	Automatic (standard)
11	Interfaces	1 Hi-Speed USB 2.0; 1 Host USB; 1 Ethernet 10/100/1000 Gigabit network; 1 Walk-up USB
	Warranty	1 year std.

Model No HP LJ M401DN @Rs. 28900.00

6. LASER PRINTER - 25 Nos.

Sr.No.	Specifications	Laser with Duplex
1	Technology	Laser
2	Print Speed Mono (A4)	Up to 33 PPM
3	Print Resolution	1200x1200
4	Processor (MHz)	800MHz
5	Memory - Std	256 MB
6	Duty Cycle	Up to 50,000 pages
7	Recommended monthly page volume	Up 3,000 pages
8	Input Capacity	50-sheet multipurpose tray 1, 250-sheet
9	Output Capacity (Sheets)	150 sheets
10	Duplex Print Options	Manual
11	Interfaces	1 Hi-Speed USB 2.0;
	Warranty	1 year std.

Model No HP LJ M401D @Rs. 20300.00

7. LASER PRINTER 25 Nos.

Sr. No.	Specifications	Laser Printer Duplex / Network
1	Technology	Laser
2	Print Speed Mono (A4)	Up to 25 PPM
3	Print Resolution	Up to 600 x 600 dpi
4	Processor (MHz)	750 MHz
5	Memory - Std	128 MB
6	Duty Cycle	Up to 8,000 pages
7	Recommended monthly page volume	250 to 2,000 pages
8	Input Capacity	250-sheet input tray, 10-sheet priority tray
9	Output Capacity (Sheets)	150-sheet output tray
10	Duplex Print Options	Automatic (standard)
11	Interfaces	1 Hi-Speed USB 2.0; 1 Ethernet 10/100
	Warranty	1 year std.

Model No HPLJ PRO 202DW @Rs.16470.00

8. LASER PRINTER 25 Nos.

Sr.No.	Specifications	Laser Entry Level Network Printer
1	Technology	Laser
2	Print Speed Mono (A4)	Up to 14 PPM
3	Print Resolution	Up to 600 x 600 dpi
4	First Page Out	Black: As fast as 18.5 sec
5	Processor (MHz)	750 MHz
6	Memory – Std	128 MB
7	Duty Cycle	Up to 30,000 pages
8	Recommended monthly page volume	250 to 1500 pages
9	Input Capacity	150-sheet input tray
10	Output Capacity (Sheets)	125-sheet output bin
11	Duplex Print Options	Manual (driver support provided)

Model No HP LJ PRO 200 Color M251Nw @Rs.25600.00

9. LASER PRINTER MULTI-FUNCTION - 15 Nos.

Sr.No.	Specification	AIO Laser Color Duplex/Network/Wireless
1	Type	Color
2	Basic Function	Print / Scan / Copy
3	Resolution	600X 600dpi dpi or more
4	Print speed Black/Color- draft	30/30ppm or above
5	Port	USB / Ethernet
6	Network Connectivity	10/100 Mbps and support for IPv4 and IPv6
7	Copy enlarge / reduction ratio	25 to 400 %
8	Scanner Type	Flatbed ,ADF
9	Optical Resolution	Hardware: 1200 X 1200
10	Memory	512mb
11	Scanner ADF Capacity	min 50 Sheets
12	Print speed in ppm (A4)	32 ppm and above
13	Duplex Print & Duplex scanning	Standard
14	Operating System Compatibility - Windows	Microsoft® Windows® 7, Windows® 8, indows Vista®, Windows XP®
15	Power specifications	100 watts (Maximum)

Model No HP OFFICE JET PRO X 576 DW @ Rs.49750.00

10. DOT MATRIX PRINTERS 10 Nos.

Sr.No.	Item	Description
1	DOT MATRIX	136 COLUMN PRINTERS
	SPEED	HIGH SPEED DRAFT (10cpi) 476 CPS / 550 CPS
	PRINTHEAD LIFE	400 MILLION STROKES
	RIBBON LIFE	12 MILLION CHARACTERS
	INTERFACE	PARALLEL / USB
	TRACKTOR UNIT	PUSH OR PULL

Model No EPSON FX 2175 @ Rs 13050.00
Model No EPSON FX 2190 @ Rs 34950.00
Model No EPSON LQ1310 @ Rs 13450.00
Model No EPSON LQ2090 @ Rs 22800.00
Model No EPSON LQ 2190 @ Rs 39600.00

11. DOT MATRIX PRINTERS 10 Nos.

Sr.No.	Item	Description
1	DOT MATRIX	80 COLUMN PRINTERS
	SPEED	DRAFT (10cpi) 416 CPS
	PRINTHEAD LIFE	400 MILLION STROKES
	RIBBON LIFE	2.5 MILLION CHARACTERS
	INTERFACE	PARALLEL / USB
	TRACKTOR UNIT	PUSH OR PULL

Model No EPSON LQ310 @ Rs 11050.00
Model No EPSON FX 890 @ Rs 9950.00

12. Multimedia Projector 10 Nos.

Sr.No.	Item	Description
1	MM Projector	DLP / LED (Lamp Free)- Laser Hybrid
	Lumens	3000 Ansi
	Resolution	XGA 1024 x 768
	Resolution	1024x768
	Interface	Wireless / HDMI / USB
	Light Source	Upto 20000 Hours life
	Weight	Less than 4 kg
	Wide Angle ZOOM	1.5X
	Speaker	Built In 5W
	Internal Memory	Yes
	USB Support	PPT /Photos/Movies/PDF Built In
	Network	Yes
	User Logo Image	Yes
	Anti Theft Lock	Yes

Model No CASIO XJ M146 @ Rs 87500.00
Model No CASIO XJ M156 @ Rs 95400.00

13. Multimedia Projector 50 Nos.

Sr.No.	Item	Description
1	MM Projector	DLP
	Lumens	3000 Ansi
	Resolution	XGA / XGA 3D Ready
	Resolution	1024x768
	Interface	Wireless / HDMI / USB
	Light Source	2000 Hours Upto 10000 Hours life
	Weight	Less than 3 kg
	Speaker	Built In / optional
	USB Support	Photos/Movies/PDF Built In
	Port	Lan Control / HDMI

Model No BENQ MX 525 @ Rs 36275.00

14. Multimedia Projector 10 Nos.

Sr.No.	Item	Description
1	MM Projector	DLP
	Lumens	3000 Ansi
	Resolution	Full HD
	Resolution	1920x1080
	Interface	Wireless / HDMI / USB
	Light Source	Upto 6500 Hours life
	Weight	Less than 4 kg
	Speaker	Built In
	Internal Memory	Yes
	USB Supprt	Photos/Movies/PDF Built In

Model No BENQ MH 680 @ Rs 80400.00

15. Bio Metric System 10 Nos.

Sr.No.	Item	Description
1	Biometric	Face / Finger Based Attendance system
	CPU	TI DM 600 MHz / 667MHz RISC, 533MHz DSP
	User Capacity	500 / 800 /4000 / 20,000 templates (1:N) / 200,000 User Capacity
	Record Capacity	150, 000 / 1,000,000 events / Fingerprint: 1,000,000 / Image: 5,000
	Recognition	Dual Sensor V 3.0
	Sensor	Specialized double sensor
	Verification Method	Card + Face / Face only / Finger / Optical - Face detection & videophone
	Verification Speed	Less than 1 sec. 500 User / 1 to 3,000 identification in 1 sec
	Keyboard	4*4 Touch Keypad
	LCD	3.5 inch TFT Color / 5.0 inch WVGA touch screen
	Communication	TCP/IP / Wireless LAN (optional), TCP/IP, RS485 / PoE
	Data Transfer	USB Host / RS 232
	Memory	1GB SD card – 70,000 Images / 1GB Flash + 256 MB RAM / SD card slot
	Access control	Standard Wigand 26/34 bit output / Deadbolt, EM lock, door strike, automatic door
	Card Recognition	EM RF ID (125 KHz) of Mi FARE Card / 125KHz EM, 13.56MHz Mifare/DesFire
	Certification	CE FCC Class A, ROHS, ISO 9001
	Sound	16 bit Hi-Fi voice & sound indication

Face 500 Users MODEL No : .ESSL iFace 101 @ Rs. 15450.00
Face 800 Users MODEL No : .ESSL iFace 202 @ Rs. 18375.00
Finger 4000 Users MODEL No : .ESSL iClock 990 @ Rs. 15400.00
Face 10000 / 20000 Users MODEL No : .Suprema @ Rs. 88200.00

16. Thin Client System 25 Nos.

Sr.No.	Item	Description
1	Thin PC	Thin client / zero client PC
	Processor	Intel Atom 1.8 GHz or Equivalent
	RAM	4 GB
	Video Graphics	Integrated
	Hard Disk	4 GB SATA Flash
	Interface	10/100/1000MB
	I/O	Keyboard / Mouse / VGA / USB
	Monitor	18.5" LCD /LED
	Optional	WLAN / Terminal Emulation / Embedded Antivirus
	Browser Support	Internet Explorer / Mozila Firefox
	OS	Windows Embedded / Linux

Model No I1000L. @ Rs. 18318.00

17. SMART LED TV 5 Nos.

Sr.No.	Item	Description
1	SMART TV	With X-Reality Pro Picture Engine
2	TV Screen Size	32" / 42"/ 55"
3	Mirroring	One- Touch mirroring to display your Smartphone's screen on TV
4	Entertainment	Flick, find, Fast with the one flick entertainment feature
5	Internet	Built-in Wi-Fi
6	HDMI	Full HD with 4 HDMI Built-in ports
7	Motion Flow	Motion flow 200Hz
8	Sound	S-force front Surround, Dolby digital Plus,
9	Ethernet	1x RJ-45 Port

32" SMART LED TV Model No.KDL-32W700B @ Rs.42650.00
42" SMART LED TV Model No. KDL-42W700B @ Rs.59750.00
55" SMART LED TV Model No. KDL-55W750B @ Rs.154000.00

18. Smart-UPS On-Line 2KVA/230V with battery 16 Nos. 1/2 Hr. backup
Price per 2 KVA Units
MODEL APC SRC 2KUXi @ Rs. 58694.00

19. Smart-UPS DP 6KVA /230 V with battery 16 Nos. 1/2 Hr. backup
Price per 6KVA unit
MODEL APC SRC 6KUXi @ Rs. 122600.00

a. Battery : 12V 7AH Rs.1225.00 Each.

b. 12V 42 AH Rs.4450.00 Each.

C.SNMP CARD (controller card for ups) Rs..15825.00

20. HANDY CAM **5 Nos.**

Sr.No.	Item	Description
1	Handy cam	Full HD 1080/60p Video and 9.2Mega Pixel Stills
2	Lens	29.8mm Wide-Angle Carl Zeiss Zoom Lens
3	Image Zoom	27x Optical Zoom & 54x clear image zoom
4	LCD	2.7"Clear photo LCD display / Built-in Face detection
5	Recording	AVCHD and MP4 Dual Recording
6	Effects	7 Picture Effects for Video & Photos / Intelligent auto Mode
7	Stabilization	Steady Shot Image stabilization / Face Detection

Model No HDR CX 240 (without Power bank – SONY) @ Rs.18990.00

21. Surveillance Device As per requirement

Sr.No.	Item	Description
1	DVR	Digital Video Recorder for CCTV
	Video Input	4 Channel /8 Channel / 16 channel
	Video Input Interface	BNC, PAL / NTSC self- adaptive
	Audio Input	4 Channel RCA / 8 Channel RCA / 16 Ch ACA / 2 Way Audio Input: 1 Channel RCA / 4 Channel RCA
	Video compression	H.264
	HDMI / VGA	1920 x 1080P / 60 Hz / 1024 x 768 / 60 Hz
	Encoding Resolution	4CIF / 2CIF / CIF /QCIF
	Audio Output	1 Channel RCA / 4 Channel RCA
	Hard disk	1x Sata – Up to 4 TB / 2xSata – Up to 8 TB capacity
	Interface	1x RJ45 10/100M, USB / Serial RS-485
	Chassis	Standard 1U
	Stream Type	Video, Video & Audio
	Power supply	12VDC Input
	Consumption	10 W / 15 Watts

Model No HV DS 7204 HWI-SH 4 Channel @ Rs 6660.00
Model No HV DS 7208 HWI-SH 8 Channel @ Rs 11750.00
Model No HV DS 7216 HWI-SH 16 Channel @ Rs 16900.00

22. CCTV Camera As per requirement

Sr.No.	Item	Description
1	CCTV	Analog High Resolution Camera DOME / BULLET
	Camera	1/3" Sony Super Had II / 1/3 type Exview Had CCD II
	Resolution	600 TVL / 700 TVL
	Lens	3.6 MM Fixed / Built in Variable Focal Lens
	IR Range	20 to 30 Mtrs with 12-24 Led or More
	IRIS	Auto
	Signal system	Pal / NTSC
	Gain control	Auto On/Off
	Focal Length	F=2.8mm to 10.5 mm
	Backlight	Yes
	Panning Range	355 degree

Dome 650 TVL DS 2CC 52B1P-VP IR2 (Vendal Proof) @ Rs. 9000.00
Dome 700 TVL DS 2CC 52A1P-VP IR2 (Vendal Proof) @ Rs.10450.00
Bullet 600 TVL DS 2CC 52B12-VF IR3 (Vendal Proof) @ Rs. 9100.00
Bullet 700 TVL DS 2CC 11A2P-VF IR3 (Vendal Proof) @ Rs. 10750.00
Dome 700 TVL DS 2CC 25A2 @ Rs. 3206.00
Bullet 700 TVL DS 2CC 25A2 @ Rs. 3206.00

23. Power supply 4/8/16 connected over multi core cable Unit: Price per Unit Rs. 7200.00

24. **CCTV Cable, Conduit, Cap-on casing including Laying(Rates per Meter) @ Rs. 72.00**

25. Accessories As per requirement

Sr.No.	Item	Description	Price
1	Bracket	Mounting Bracket for Dome Camera	200.00
2	Housing	External Housing for Bullet Camera	1525.00
3	Hard Disk	1 TB SATA	4390.00
		2 TB SATA	6575.00
		4 TB SATA	12250.00
4	Ext – Hard Disk	External 1 TB HDD	5150.00
		External 2 TB HDD	7150.00
		External 4 TB HDD	13500.00
5	TFT Monitor	20" LED	8950.00
		23" LED	12250.00
6	Bracket	Wall Mounting Bracket for LED	500.00
7	Accessories	VGA Ext Cable – 3Meter	550.00
		VGA Ext Cable – 20Meter	2150.00
		USB Ext Cable – 3meter	550.00
		Wireless Mouse	900.00
		Wireless keyboard Mouse Set	1650.00
8	Bracket	Multi Media Projector Ceiling Mount Kit 3 ft.	2500.00
	Bracket	Multi Media Projector Ceiling Mount kit 4 ft.	3200.00
9	Screen	Multi Media Projection Screen with Stand 6 ft. x 4 ft.	4000.00

26. Network Video Recorder (NVR) As per requirement

Video/Audio Input	IP Video Input:	8 channel / 16 channel
	Two-way Audio:	1-ch BNC(2.0Vp-p, 1kΩ)
Video/Audio Output	VGA Output:	1-ch, resolution: 1920×1080P/60Hz,1600×1200/60Hz,1280×1024/60Hz, 1280×720/60Hz, 1024×768/60Hz
	CVBS Output:	1-ch, BNC (1.0 Vp-p, 75 Ω), Resolution: 704 × 576 (PAL); 704 × 480 (NTSC)
	HDMI Output:	1-ch, resolution: 1920 × 1080P /60Hz, 1920 × 1080P /50Hz, 1600 × 1200 /60Hz, 1280 × 1024 /60Hz, 1280 × 720 - /60Hz, 1024 × 768 /60Hz
	Recording resolution:	5MP / 3MP / 1080P / UXGA / 720P / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF
	Audio Output:	2-ch BNC(Linear electrical level, 600Ω)
	Playback Resolution:	5MP /3MP / 1080P / UXGA / 720P / 4CIF / VGA / DCIF / 2CIF / CIF / QCIF
	Synchronous Playback:	8-c h16-ch

Hard Disk Driver	Interface Type:	4 SATA interfaces for 2 HDDs + 1 DVD-R/W (default), or 4HDDs
	Capacity:	Up to 4TB capacity for each disk
	e-SATA Interface:	1 eSATA interface
External Interface	Network Interface:	1 RJ45 10M/100M/1000M adaptive Ethernet Interface
	USB Interface:	3 USB2.0 interfaces
	Serial Interface:	1 RJ45 RS-232 interface; 1 RS-485 interface; 1 RS-485 keyboard interface
	Alarm Input:	16-ch
	Alarm Output:	4-ch

Model No HV DS 7708 NI-E4/8P @ Rs 34400.00
Model No HV DS 7716 NI-E4/16P @ Rs 40100.00

27. DIGITAL IP Camera As per requirement

Camera	Image Sensor:	1/3" Progressive Scan CMOS
	Min. Illumination:	0.01 lux @F1.2, AGC ON, 0 lux with IR
	Shutter time:	1/25s (1/30s) ~ 1/100,000s
	Lens:	4mm @F2.0, angle of view: 69.4° (6mm, 12mm optional)
	Lens Mount:	M12
	Day& Night:	IR cut filter with auto switch
	Wide Dynamic Range:	Digital WDR
	Digital noise reduction:	3D DNR
Compression **Standard**	Video Compression:	H.264/M-JPEG
	Bit Rate:	32 Kbps ~ 16 Mbps
	Dual Stream:	Yes
Image	Max. Image Resolution:	1280x960
	Frame Rate:	50Hz: 25fps (1280 × 960), 25fps (1280 x 720), 25fps (704 x 576), 25fps (640 x 480) 60Hz: 30fps (1280 × 960), 30fps (1280 x 720), 30fps (704 x 576), 30fps (640 x 480)
	Image Settings:	Saturation, brightness, contrast adjustable through client software or web browser
	BLC:	Yes, zone configurable
Network	Network Storage:	NAS (iSCSI optional)
	Alarm Trigger:	Motion detection, Tampering alarm
	Protocols:	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour (SIP optional)
	System Compatibility:	ONVIF, PSIA, CGI
Interface	Communication Interface:	1 RJ45 10M / 100M Ethernet interface

Model No HV DS 2CD 2012-IBullet @ Rs.9000.00
Model No HV DS 2CD 1112-IDome @ Rs.9350.00

28. Network Switches As per requirement

Sr.No.	Item	Description	Price Rs.
1	Network Switch-L2	8 Port 10/100	775.00
2	Network Switch-L2	16 Port 10/100	2175.00
3	Network Switch-L2	24 Port 10/100	2550.00
4	Network Switch-L2	8 Port 10/100/1000	1690.00
5	Network Switch-L2	16 Port 10/100/1000	5450.00
6	Network Switch-L2	24 Port 10/100/1000	7250.00
7	Network Switch-L2	24 Port 10/100 Network Switch – SRW224G4K9	6930.00
8	Network Switch-L2	24 Port 10/100/1000 Network Switch- SRW2024K9	11475.00
9	Network Switch-L2	24 Port 10/100/1000 – 2960S#24tss (L2 Switch)	51250.00
11	Network Switch-L3	24 Port (2 ports can be used with SFP or SFP+ at 1G or 10G)	161700.00
12	Fiber Module	SFP LX-LC	25960.00

29. Apple Mac Book /I Pad As per requirement

Sr.No.	Item	Description	Price Rs.
1	Mac Book Air	11" 128 GB	63900.00
2	Mac Book Air	11" 256 GB	77500.00
3	Mac Book Air	13" 128 GB	70700.00
4	Mac Book Air	13" 256 GB	86200.00
5	Mac Book Pro	13" with Ratina Display 128GB	92050.00
6	Mac Book Pro	13" with Ratina Display 256GB	106600.00
7	I Pad mini 3	Wi-Fi – 16 GB	28030.00
8	I Pad mini 3	Wi-Fi – 64 GB	34820.00
9	I Pad mini 3	Wi-Fi + Cellular – 16 GB	37725.00
10	I Pad mini 3	Wi-Fi + Cellular – 64 GB	44500.00
11	I Pad Air 2	Wi-Fi – 16 GB	34820.00
12	I Pad Air 2	Wi-Fi – 64 GB	41610.00
13	I Pad Air 2	Wi-Fi + Cellular – 16 GB	44520.00
14	I Pad Air 2	Wi-Fi + Cellular – 64 GB	51300.00

30. Wireless Access Point As per requirement

Sr.No.	Item	Description	Price Rs.
1	Out Door Wi-Fi Access Point	IEEE 802.11b/g,/n/a; 2.4Ghz & 5 GHz Dual band, 300 MBPS max theoretical throughput, WDS point-to-point wireless bridge mode WAP mode, Wired Equivalent Privacy (WEP) Encryption, WPA-PSK, Wpa2-PSK, MAC address filtering, 1 BSSID, 802.11e WMM for QoS, 128 wireless client supported, 2 x (10/100/1000base T Ethernet port with auto uplink with PoE PD, 1 x (10/100/1000 base T Ethernet port with Auto Uplink with PoE PSE., External Antenna Ports, 8dBi Antenna Gain,IP67 grade.	Rs. 53000.00 Model No : Netgear WNT930 Rs. 7000.00 Model No: Alcon 2406N
2	Wireless-N Access Point	2.4GHz, 300 mbps, upto 30 users, upto 10x coverage and 15x the speed of 802.11 g networks, Security for WPA, WPA@, rouge AP detection and 802.1x with RADIUS support wall mount or ceiling, Comprehensive SNMP for network management., MAC address filtering up to 256 users, block SSID broadcast, point to point/multi point support.	Rs. 5670.00 Model No: Netgear WNAP 210 Rs. 3200.00 D-Link DAP 1360

31. PA System for Classroom/Seminar Room As per requirement

Sr.No.	Item	Description	Price Rs.
1	Amplifier	Up to 200W/ Mic. Input Channel up to 6 Aux. 2 with USB 1 MEGA MIA 80	6640.00
1A	Amplifier	Up to 200W/ Mic. Input Channel up to 6 Aux. 2 with USB 1 CROWN XLS 1000	26975.00
2	Loud Speaker	100 Watts Output (4Ohms/8Ohms.) MEGA P-802 (Pair)	5570.00
2A	Loud Speaker	100 Watts Output (4Ohms/8Ohms.) JBL Pro Control (Pair)	24600.00
3	Loud Speaker Stand	Speaker mounting Floor stand	5860.00
4	Microphone	Lapel Cordless MEGA TVD 57L	2925.00
		Lapel Cordless AKG WMS 40 mini	5690.00
5	Microphone	Hand Held Cordless MEGA TVD 57H	2925.00
		Hand Held Cordless AKG WMS 40 Mini	4895.00
6	Microphone	Podium (Gooseneck wired Microphone) MEGA DM 207 + DS33	4165.00
		Podium (Gooseneck wired Microphone) AKG GN 50 ESP	10425.00
7	Presenter	Laser auto changer Cordless	6175.00
8	Mixer	Audio mixer 6 channels with two stereo input Sound Craft EPM 6	15650.00

32. Optical Fiber Cable (OFC)/Copper Cables and Accessories-5000 Mtrs.

Sr.No.	Item Description	Make/ Brand	Qty. per unit	Price Rs.
A)	**Fiber Optic**			
1	OFC MM 6 Core Armored Outdoor Cable	D-link	Per Meter	72.00
2	OFC MM 12 Core Armored Outdoor Cable	D-link	Per Meter	99.00
3	OFC 6 CORE SM Armored Outdoor Cable	D-link	Per Meter	36.00
4	OFC 12 CORE SM Armored Outdoor Cable	D-link	Per Meter	45.00
5	SC Fiber Connector	D-link		208.00
6	LC Fiber Connector	D-link		218.00
7	Pigtail SC Multimode Fiber Simplex 1-Meter	D-link		203.00
8	Pigtail LC Multimode Fiber Simplex 1-Meter	D-link		265.00
9	SM Pigtail SC Fiber 1- Meter	D-link		230.00
10	SM Pigtail LC Fiber 1-Meter	D-link		260.00
11	Fiber Patch Cord LC to SC Multimode Simplex1-Meter	D-link		1450.00
12	Fiber Patch Cord LC to SC Single Mode 1-Meter	D-link		1180.00
13	LIU 12 Port Loaded with SC Coupler MM	D-link		3150.00
14	LIU 12 Port Loaded with SC Coupler SM	D-link		3950.00
15	Fiber Media Converter MM 100/1000 MB	D-link		6450.00
16	Fiber Media Converter SM 100/1000MB	D-link		11500.00
B)	**Copper UTP Cables**			
1	Cat-6 UTP Cable per Box	D-link	305 Meter	5400.00
2	Cat-6 (I/O, Surface Plate with Back Box)	D-link		210.00
3	Cat-6 Patch cord 1-meter	D-link		135.00
4	Cat-6 Patch cord 2-meter	D-link		155.00
5	Cat-6 24 Port Patch Panel	D-link		3850.00
6	Cat-6 RJ-45 Connector Pack of 50 Nos.	D-link		400.00

C)	**Cabling Accessories**			
1	HDPE Pipe 1"	ISI	Per Meter	54.00
2	HDPE Pipe 1.5"	ISI	Per Meter	90.00
3	HDPE Pipe 2"	ISI	Per Meter	144.00
4	Galvanized Pipe 2 inch 6 ft.	ISI	Per Meter	350.00
5	Galvanized Pipe 2 inch 12 ft	ISI	Per Meter	800.00
6	PVC Conduit Pipe 1"	ISI	Per Meter	2750.00
7	PVC Conduit Pipe 2"	ISI	Per Meter	95.00
8	PVC Capon Casing 1"	ISI	Per Meter	2650.00
9	PVC Capon Casing 2"	ISI	Per Meter	59.00
10	PVC Flexible Pipe 0.5"	ISI	Per Meter	7.50
11	PVC Flexible Pipe 1"	ISI	Per Meter	9.20
12	PVC Flexible Pipe 2"	ISI	Per Meter	34.50
13	Fiber Route Marker Metal Painted			375.00
14	Pole 6 feet for Outdoor Wi-Fi & CCTV Camera			3795.00
15	Pole 10 feet for Outdoor Wi-Fi & CCTV Camera			5290.00
16	Pole 15 feet for Outdoor Wi-Fi & CCTV Camera			6727.00

D)	**Racks for Switches** As per requirement			
1	6U Network Rack with Accessories	VALRACK		5600.00
2	9U Network Rack with Accessories	VALRACK		6350.00
3	12U Network Rack with Accessories	VALRACK		7250.00
4	15U Network Rack with Accessories	VALRACK		8500.00
5	24U Network Rack with Accessories	VALRACK		27900.00
6	42U Network Rack with Accessories	VALRACK		39200.00
7	42U Server Rack with Accessories	VALRACK		43600.00
8	Tray for Network Rack	VALRACK		1700.00
9	Tray for Server Rack	VALRACK		1900.00
10	Cable Manager for Racks			450.00

E)	**Labour for Fiber/Copper & Others .**As per requirement			
1	Soft Excavation with back filling per meter			162.00
2	Hard Excavation with back filling per meter			210.00
3	HDPE Pipe laying with fixing per meter			16.50
4	Fiber Cable laying per meter			14.50
5	Road Cutting and back filling per meter			425.00
6	OTDR Testing per core			135.00
7	Fiber Splicing per core			150.00
8	LIU Installation			300.00
9	Fiber Connectrization			240.00
10	PVC Conduit/Capon/Flexible laying any size with Accessories			25.00
11	UTP Cable Laying			12.00
12	Punching of UTP Cable Both Side (I/O and Patch Panel side)			125.00
13	Fixing of I/O with Surface & back box			18.00
14	Rack Fixing with Cable Dressing			800.00
15	Installation of Patch Panel			125.00
16	Installation of Network Switches			150.00
17	Installation and fixing of Wi-Fi Access Point			550.00
18	Installation and fixing of CCTV Camera with Connector			450.00
19	Installation of DVR for CCTV with Connector			2500.00

Co-ordinator
University Computerisation Centre.